


Title of Document Running a Blood Gas? Syringe Sample only			
Version Number 2.0	Q Pulse Reference Number POC-PINS-6	Author Cecilia Anghelescu	

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**Further information visit:** **Radiometer Technical Support: Tel: 0129 351 7599**  
St George's University Hospitals NHS, Intranet Applications,  
Non-Clinical Applications, Medical Equipment Documents,  
Access Site, ABL90 Flex Plus.  
[www.swlpath.nhs.uk](http://www.swlpath.nhs.uk)

## RUNNING A BLOOD GAS? SYRINGE SAMPLE ONLY

Short form instructions

Radiometer **ABL90 FLEX PLUS** with syringe samples

	<b>1. If using safePICO syringe:</b> <i>If not, then go to step 3</i> Place syringe into the automatic sample mixer		<b>2. Ensure analyser is in Ready mode and desired parameters are in green</b>
<b>3. Logon to the analyser</b> <b>4. Tap the Syringe button and inlet will open</b>		<b>5. Align syringe with inlet gasket</b> <b>6. Push the syringe onto the inlet</b>	
<b>7. Hold syringe in place while the sample is aspirated</b> <b>8. When prompted gently remove the syringe, the inlet will close automatically</b>		<b>9. Enter appropriate patient information when prompted</b> Wait for results	<b>Done!</b>

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1. Use Radiometer *safePICO* Aspirator syringe, remove the cap and expel the air from the syringe.
2. **Draw minimum 1 mL of blood sample** to balance ratio between heparin and blood in the syringe and put safety cap on straightaway.
3. Gently tap the syringe to raise the remaining air bubbles and quickly push the plunger in order to remove the remaining air.
4. Gently invert the syringe horizontally and vertically to properly mix the sample avoiding haemolyses until you reach the analyser.
5. Place the syringe in the analyser mixing area until the blue light stop flashing (7 seconds).
6. Log onto the blood gas analyser using the barcode from your ID card (**PLEASE DO NOT SHARE BARCODES**).
7. Press the "Syringe" button.
8. Introduce syringe to the inlet and gently push forward (holding the syringe barrel) until you feel a resistance.
9. Hold syringe in place for 5 seconds until it aspirates the sample.
10. When "Remove" is highlighted followed by a beep sound, count 2 seconds and then remove syringe.
11. Fill in all patient demographics. **Please type the correct patient MRN number.**
12. Results will be transferred to the iClip and printed automatically in 35 seconds.
13. Finally go "Back" and "Log off".